

**Notice of Allowability**

Application No.

10/063,279

Examiner

Holly R. Harper

Applicant(s)

SCOTT ET AL.

Art Unit

2879

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview on 7/16/04.
2. ☒ The allowed claim(s) is/are 1-20,22-24 and 26-32.
3. ☒ The drawings filed on 4/8/02 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                 |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>7/16/04</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance                                   |
|   | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steve Solomon on 7/16/04.

The application has been amended as follows:

#### **Claims:**

Claim 5 is amended from "A lamp according to claim 1, said radial depth of said mercury-insulating portion being at least 10  $\mu\text{m}$ " to "A lamp according to claim 1, said mercury-insulating portion having a radial depth of at least 10  $\mu\text{m}$  measured from said inner surface of said glass envelope"

Claim 6 is amended so that it now depends from claim 5 instead of claim 1.

Claim 7 is amended so that the phrase "a compressional section comprising" now reads "a compressional portion comprising".

Claim 18 is amended so that the phrase "a mercury barrier layer disposed adjacent said phosphor layer" now reads "a separate mercury barrier layer disposed adjacent said phosphor layer".

*Allowable Subject Matter*

2. Claims 1-17, 18, 22-24, and 26-32 are allowed.

Regarding claim 1, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 1, and specifically comprising the limitation of a mercury vapor discharge fluorescent lamp with a glass envelope composition containing a mercury-insulating material.

Regarding claims 2-17, 27-28, and 31-32, claims 2-17, 27-28, and 31-32 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Regarding claim 18, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 18, and specifically comprising the limitation of a mercury vapor discharge fluorescent lamp with a glass envelope composition containing a mercury-insulating material made of potassium or calcium salts and being separate from the phosphor layer.

Regarding claims 19, 20, and 29, claims 19, 20, and 29 are allowable for the reasons given in claim 18 because of their dependency status from claim 18.

Regarding claim 22, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 23, and specifically comprising the limitation of a mercury vapor discharge fluorescent lamp with a mercury barrier layer made of an electrically non-conductive tin oxide.

Regarding claim 23, claim 23 is allowable for the reasons given in claim 22 because of its dependency status from claim 22.

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Regarding claim 24, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 24, and specifically comprising the limitation of a mercury vapor discharge fluorescent lamp with a phosphor layer containing a mercury barrier material made of potassium.

Regarding claims 26 and 30, claims 26 and 30 are allowable for the reasons given in claim 24 because of their dependency status from claim 24.

#### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Holly Harper whose telephone number is (571) 272-2453. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7382.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Holly Harper  
Patent Examiner  
Art Unit 2879

  
**ASHOK PATEL**  
**PRIMARY EXAMINER**